

Scholarships at CIC-IPN, Mexico

MSc and PhD

**Freedom for research,
without worrying about money**

Agenda

- Scholarships from Mexican Government
- Mexico
- CIC-IPN
- Admission requirements
- Graduation requirements
- CIC, more details
- NLP Laboratory
- More info

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Scholarship

- MSc: ~ \$ **600**, PhD: ~ \$ **800** per month



Scholarship

- MSc: ~ US\$ **600**, PhD: ~ US\$ **800** per month
- Sufficient to live without working for money
 - Not to get rich quick
 - Rent a room: from \$ 100
 - Eat: from \$ 150
 - Tuition: ~~free~~ \$ 50
 - Spare \$ 500? hmm... won't be much



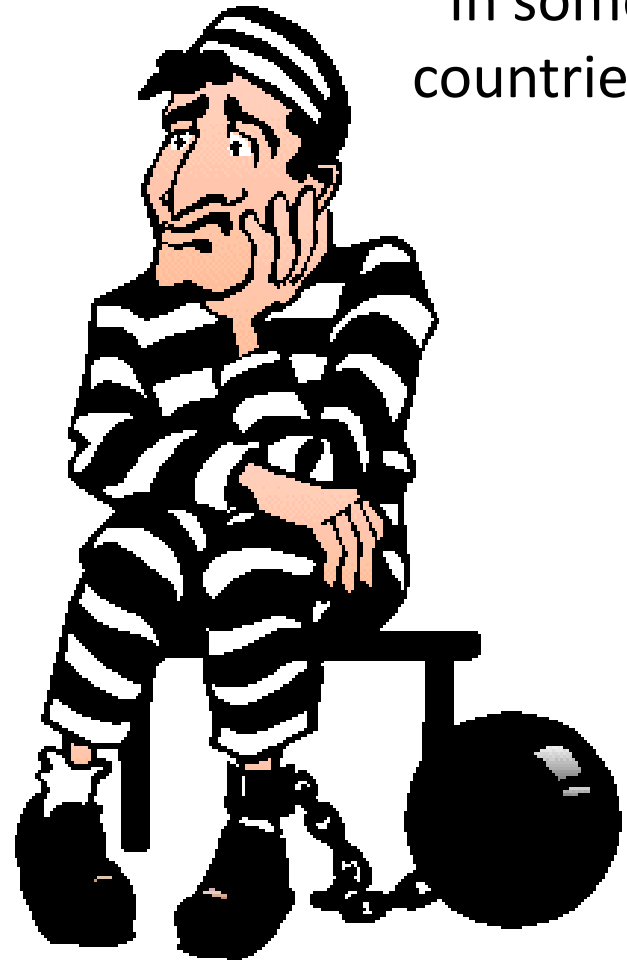
Scholarship

- MSc: ~ US\$ **600**, PhD: ~ US\$ **800** per month
- Sufficient to live without working for money
- Optionally* ~ \$ **80** more

Scholarship

- No service required
 - in some countries, teaching assistance or other job
- Not a loan
 - in some countries, loan

In some countries



Scholarship

- No service required
 - in some countries, teaching assistance or other job
- Not a loan
 - in some countries, loan
- **Gift:**
 - graduate and go, no debt

In Mexico



Scholarship

- Given by federal government (CONACYT)
- Given to all students
 - For excellence of department, not individual
 - Everybody* who is enrolled, gets scholarship

Scholarship

- MSc: 2 years (option* 2.5 years), PhD: 4 years
- Face-to-face, full time
 - 8 hours a day should be there
 - well, exceptions are possible
 - option for stays abroad from months to a year
- Incompatible with other income
 - though...



Stays abroad

- “Mixed scholarship” from the Government
- Government: + ~ **50%**; school: ~ \$ **500** once
- In England: “I am hungry”
- From weeks to a year
- To any country
 - no, ought not be your home
- Not obligatory

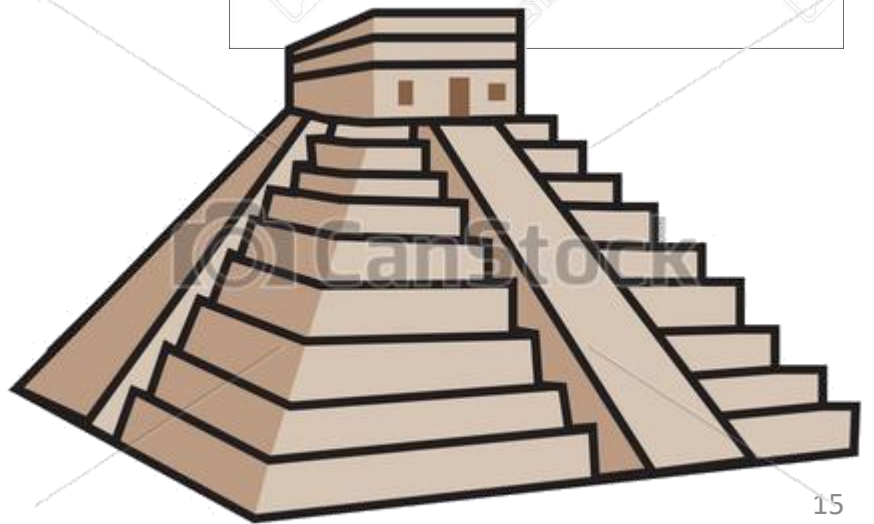


Need to learn Spanish?

- No
 - Classes in English OR Spanish, by your choice
 - We have students from India, Pakistan, Russia, Nigeria not speaking Spanish at all
 - People in the street often understand some English
- Well, a plus
 - Easier to live speaking local language a bit
 - Spanish is quite similar to English

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Dangerous?

- No
- Not much more than any country
 - You may be safer in Mexico City than in your home country
 - Imagine all scaring news **we** see on TV about **your** country



Dangerous?

- No
- Not much more than any country
- And even if it were (though it's not)



Crime in
your country



Dangerous?

- No
- Not much more than any country
- And even if it were (though it's not)



Dangers we all
face daily: health,
traffic accidents,
etc.

Even if it were
more in Mexico



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IPN

- *Instituto Politécnico Nacional*
- Governmentally run
 - Rector is designated by the President of country
- Second largest
 - 175-300 thousand students
 - 300 schools
- 80 years

CIC

- *Centro de Investigación en Computación*
- Leader in computers science in Latin America
- Elitist
 - Many governmentally certified researchers
 - 5 members of Mexican Academy of Sciences
- Small school
 - 200-500 MSc students, 50 PhD students
- Certified program of excellence (= scholarship)



CENTRO DE INVESTIGACION EN COMPUTACION

Contact with India / world

- Up to 2 advisors
 - not co-advisors, equal
 - one must be from CIC
- You can keep your current advisor
 - add one from CIC
- Mexico gives \$,
you work with your current advisor
- Joint publications are expected

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Certified program of excellence

- Very demanding certification
- Gives scholarship to all enrolled students
- Very important criterion: **graduation rate**
 - not a single day past the deadline
- If certification is lost, death for the program: no scholarship, no students, no publications, ...
- Goal of admission: **guarantee graduation**

A promise

- **Not to desert**
 - because of revolution in your country
 - because of an aunty who fell ill at home
 - because Microsoft offered you a position
- **Defend the thesis on time**
 - not a single day past the deadline

Exams

- No need to travel
- Everything, well in advance
 - Visa, takes time

Exams

- No need to travel
- Everything, well in advance
- GRE Revised General Test (or EXADEP)
 - in your home country
 - US\$ 300
 - Accessible threshold
 - Cuantitative, cualitative, writing

Exams

- No need to travel
- Everything, well in advance
- GRE Revised General Test (or EXADEP)
 - in your home country
 - US\$ 300
 - Accessible threshold
 - Cuantitative, ~~qualitative~~, writing
Only math, not English. 170 - 0 - 0 is OK.
 - Need to book well in advance!

Exams

- No need to travel
- Everything, well in advance
- GRE Revised General Test (math)
- TOEFL / IELTS (or many other options)
 - in your home country
 - US\$ 70
 - MSc: ITP 400 (not IBT)
 - PhD: IBT 75 (not ITP)

Exams

- No need to travel
- Everything, well in advance
- GRE Revised General Test (math)
- TOEFL / IELTS (or many other options)
- Interview (via Skype), not an exam

Exams

- No need to travel
- Everything, well in advance
- GRE Revised General Test (math)
- TOEFL / IELTS (or many other options)
- Interview (via Skype), not an exam
- PhD: proposal
 - Objectives, methodology, evaluation, resources...
 - Though later you can switch to another topic

Requirements

- MSc: Engg
- PhD: MSc
 - in theory, can be waived

Requirements

- MSc: Engg; PhD: MSc
- Average scores
 - previous level
 - simple average of all subjects taken
 - if you have good average, probably you pass
 - we will need stats from your university or country to evaluate
 - if do not pass, then will miss the scholarship of first semester, and get it from the second semester

Requirements

- MSc: Engg; PhD: MSc
- Average scores
- PhD: letter from advisor + 3 letters from PhDs
- Documents with apostille
 - Birth certificate
 - Degree certificate (perhaps can be later)
 - Transcript of scores of all semesters
 - This takes time, do it well in advance

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Graduation

- Not to fail subjects (MSc: 10, PhD: 4)
- Not to miss classes / hours (8 hours a day*)
- Write a thesis (~ 100 pages)
- MSc: that's all
 - though it's a great plus to publish, to pass to PhD
 - or, build software
- PhD: a paper in SCIE
 - not conf
 - a plus, several / many

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Programs

- MSc hardware
- MSc software
- PhD (hardware & software)
- More emphasis on software
- Certified of excellence (= scholarships)
- Research -- not a school
 - Not to just learn how to program
 - You will be a researcher

Laboratories

- 11 “laboratories” (departments)
- Hardware
 - nano-technology, robotics, CPUs, ...
- Software
 - IA; NLP; neural, quantum, DBs; control; security and criptografy; parallel, ...
 - basically, all CS
- 100+ research lines

Subjects

- PhD: ad-hoc, relevant for your thesis
- MSc:
 - 5 obligatory
(OS, complexity, advanced programming, ...)
 - 5 you choose, by laboratory
 - Of these, 2-5 “relevant for industry”
 - 5 first semester, 5 second, then thesis
- In English (or Spanish)

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NLP Lab

- 20 years of experience
- 3 professors, Russians
- 15-20 students from India, Pakistan, Russia, Colombia, Paraguay, Cuba, Nigeria, Mexico; former: Finland, Belgium, Spain, Peru; advisees in: Korea, England, Colombia

NLP Lab

- 20 years of experience
- 3 professors, Russians
- 15-20 students from many countries
- PhD preferred, MSc OK
- Contacts with many countries
 - CICLing conference, 8th best in NLP
- National presence
 - Expresidents of Mexican AI Society, etc.

NLP Lab

International collagoration

- USA: U. Michigan
- UK: U. Wolverhampton
- Singapore: NTU (11th in the world)
- Greece: U. Aegean
- India: NIT Mizoram, Jadavpur U. Kolkata, Amity

etc.

Research directions

- Natural Language Processing
 - Computational linguistics and language technologies
 - Machine learning for NLP
 - Deep learning for NLP
 - Big data analysis for textual data
 - Semantic web
 - Dialog with robots
 - Text mining
 - Question answering

Research directions

- Natural Language Processing
- Social and affective computing
 - Social network analysis; Internet
 - Opinion mining, sentiment analysis, emotion analysis, personality detection
 - Computing for law
 - Plagiarism detection and authorship attribution
 - Music generation

Research directions

- Natural Language Processing
- Social and affective computing
- Intelligent data analysis
 - Fuzzy logic applications
 - Financial analysis and market analysis
 - Association measures and similarity measures for texts and time series

Research directions

- Natural Language Processing
- Social and affective computing
- Intelligent data analysis

... and much more

Research directions

- Student-driven research planning
 - if you have your own idea, we will work on it
 - we adapt to your interests

Awards received by students

- Half, graduated with honors
- More than half of PhD graduated, certified (!)
- 4 gold medals from handed by the President
- Microsoft Research Latin America Fellowship
 - “The best and brightest from Latin America”
 - Second woman
 - huge monetary prize

Awards received by students

- Half, graduated with honors
- More than half of PhD graduated, certified (!)
- 4 gold medals from handed by the President
- Microsoft Research Latin America Fellowship
- Internships Microsoft, Oracle, Yahoo!, Xerox, ...
- Best team in plagiarism detection
 - 27 articles in national press
- 2nd place in question answering, ...

Awards

received by the students advised by **Alexander Gelbukh**

Membership in SNI - International fellowships and internships - Lázaro Cardenas Gold Medal -
Other Important Institutional Awards - National and International Awards - Institutional Awards -
International Competitions of Algorithms - Honors Degrees

Membership in SNI

SNI (National System of Researchers) is a certification authority for Mexican researchers funded and supervised by the **CONACYT**, the Mexican Ministry of Science and Technology. Membership in SNI comes with a substantial monetary award. Mexican scientists are evaluated every four years and can win one of four excellence levels (if any), from Candidate (lowest) to 3 (highest; a distinction of great importance for a Mexican scientist).



- **Level 2: Manuel Montes y Gómez**, PhD, advisors [Alexander Gelbukh](#) and [Aurelio López López](#)
- Level 1: **Olga Kolesnikova** (Russia), PhD, advisor [Alexander Gelbukh](#)
- Level 1: **Yulia Ledeneva** (Russia), PhD, advisor [Alexander Gelbukh](#)
- Level 1: **Sofia Galicia Haro**, PhD, advisors [Igor Bolshakov](#) and [Alexander Gelbukh](#)
- Level 1: **Raúl Morales Carrasco**, PhD, advisors [Alexander Gelbukh](#) and [Ruslan Mitkov](#)
- Level 1: **Juan Javier González Barbosa**, PhD, advisors [Rodolfo Pazos Rangel](#) and [Alexander Gelbukh](#)
- Level 1: **Francisco Hiram Calvo Castro**, PhD, advisor [Alexander Gelbukh](#)
- Level 1: **José Antonio Zárate Marceleño**, PhD, advisors [Rodolfo Pazos Rangel](#) and [Alexander Gelbukh](#)
- Level C: **Sulema Torres Ramos**, PhD, advisor [Alexander Gelbukh](#)
- Level C: **Grettel Barceló Alonso** (Cuba), PhD, advisors [Alexander Gelbukh](#) and [Grigori Sidorov](#)
- Level C: **Sabino Miranda Jiménez**, PhD, advisors [Alexander Gelbukh](#) and [Grigori Sidorov](#)
- Level C: **Alma Delia Cuevas Rasgado**, PhD, advisors [Adolfo Guzmán Arenas](#) and [Alexander Gelbukh](#)

International Fellowships and Internships

awarded via an open competition



Alisa Zhila (Russia) received a [Microsoft Research Latin America Fellowship](#) 2012–2013.

According to Microsoft, [the fellows](#) "represent the best and the brightest from Latin America." Two Microsoft Research Latin America Fellowships are awarded each year. The selection procedure was as follows: each Latin American university nominated no more than three candidates; of those pre-selected candidates, Microsoft selected two winners. There were about 60 candidates in this year, from about 40 universities from all Latin American countries.

The prize received considerable press coverage, e.g., see [an article in Gaceta Politécnica \(PDF\)](#) and [very interesting videos](#). In Google you can find many [press releases about Alisa Zhila](#).

Alisa Zhila was at the time of awarding a PhD student at CIC-IPN (graduated in 2014); advisor: [Alexander Gelbukh](#).



Sergio Gonzalo Jiménez Vargas (Colombia) received a [Microsoft Research Latin America Internship 2012](#). The internship includes three months of work at Microsoft Research, with salary paid. Seven Microsoft Research Latin America internships are awarded each year. The selection procedure was as follows: each Latin American university nominated no more than three candidates; of those pre-selected candidates, Microsoft selected seven winners. There were about 60 candidates in this year, from about 40 universities from all Latin American countries.

Sergio Gonzalo Jiménez Vargas is a PhD student at the Universidad Nacional de Colombia; advisor: [Alexander Gelbukh](#).



Alisa Zhila (Russia) received a [Microsoft Research Latin America Internship 2012](#), which was offered to her as a [Microsoft Research Fellow](#). The internship included three months of work at Microsoft Research in Redmont, with salary paid.

Alisa Zhila was at the time of internship a PhD student at CIC-IPN (graduated in 2014); advisor: [Alexander Gelbukh](#).



Alisa Zhila (Russia) was awarded a 3 month internship at Oracle Mexico Development Center, Guadalajara, Jalisco, Mexico, 2014.



Dr. Alexander Gelbukh

Contact: <my last name>@<my last name>.com, <my last name>@cic dot ipn dot mx; email via web . Street address and how to get there. Phone: +52 (55) 5729-6000 ext. 56544 (try also ext. 56518, 56599, 56549); fax: 5586-2936; MSN Messenger: <my last name>@hot mail.com; Skype: <my last name>; cell: +52 (1) 55 1810-4587; from Mexico: (044) 55 1810-4587 (please **avoid** calling my cell number from outside Mexico City; use my regular phone instead).

In Mexico City, Mexico, where I live, it is now Wednesday, April 27, 2016 at 5:47:37 AM

[Publications](#) | [Awards](#) | [Projects](#) | [Students](#) | [Citations](#) | CV:

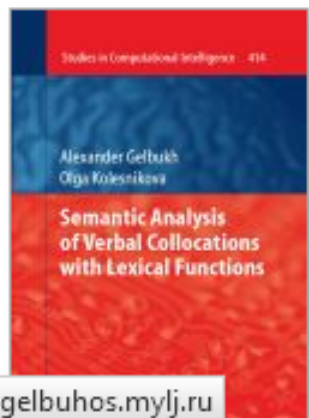
Looking for another person?

- [I. Gelbukh](#)
- [S.S. Gelbukh](#)
- [P.S. Gelbukh](#)
- [O.S. Gelbukh](#)

[Genealogy of Gelbukh last name](#)

Books & Journals

I've written / edited

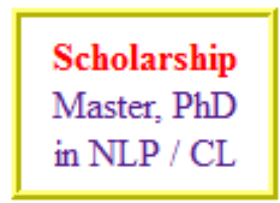


I hold a **PhD** in Computer Science. My main area of interests is **computational linguistics** (natural language processing; see an [introductory book](#), an [introductory text](#) in Spanish and another [introductory text](#)).

- Senior Researcher of the International Laboratory for Intelligent Systems and Structural Analysis, Higher School of Economics, Russia.
- Visiting Professor of the Institute for Modern Linguistic Research, Sholokhov Moscow State University for the Humanities, Russia.

Scholarships

I can give you



Conferences

I'm involved in






Organizations

I belong to



have been Honorary Chair of [EACL-2008](#), Program Co-Chair of some recent [MICAI](#), [CIC](#), [CORE](#), and some other [conferences](#). I am founding Editor-in-Chief of the International Journal of Computational Linguistics and Applications ([IJCLA](#)) and Editor-in-Chief of the journal [Polibits](#).

My academic genealogy is simple: my PhD advisor was Prof. I.A. Bolshakov, DSc, who had no advisor. I have been, or currently am, advisor of a number of [PhD students](#) who are citizens of 10 countries: , , as well as a number of [MSc and BSc students](#). I supervise, or have supervised, theses in . My students have received important [★ awards](#) because I taught them [my key to success](#). All my students receive good [scholarship](#).

[CIC's](#) PhD program is certified as [quality program](#) and MSc as international quality program which implies that our students (including foreigners) receive [very attractive scholarship](#) (including [scholarships](#)). Foreign students can apply for an even higher [scholarship](#) to [study in Mexico](#). For examples, see some of my [courses](#).

[Tools](#) developed in our [Laboratory](#) (most of them are free to use) in [Mexico](#).

- [System for Text Alignment](#), the winner of the the [Text Alignment task](#) at [PA](#)
- [Corpus-based Aspect Extraction](#) and implicit aspect indicator extraction
- [EmoSenticNet](#): Augmented SenticNet / expanded WordNet Affect for

IEEE
SMC

We expect **you** to be on this list

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www.Gelbukh.com

Alexander Gelbukh

www.gelbukh.com

Dr. Alexander Gelbukh

Contact: gelbukh@gelbukh.com, gelbukh@cic.ipn.mx; email via web Street address and how to get there. Phone: +52 (55) 5729-6000 ext. 56544 (try also ext. 56518, 56599, 56549); fax: 5586-2936; MSN Messenger: gelbukh@hotmail.com; Skype: [gelbukh](https://www.skype.com/user/gelbukh); cell: +52 (1) 55 1810-4587; from Mexico: (044) 55 1810-4587 (please avoid calling my cell number from outside Mexico City; use my regular phone instead).

In Mexico City, Mexico, where I live, it is now Friday, October 30, 2015 at 2:49:41 PM

Looking for another person?
I. Gelbukh
S.S. Gelbukh
P.S. Gelbukh
O.S. Gelbukh

Genealogy of Gelbukh last name

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Books & Journals

I've written / edited

I hold a **PhD** in Computer Science. My main area of interests is **computational linguistics** (natural language processing; see an **introductory book**, an **introductory text** in Spanish and another **introductory text**).

I am a member of the **Mexican Academy of Sciences (AMC)**, founding member of the **Mexican Academy of Computing (AMEXCOMP)**, and a **National Researcher of Mexico Excellence Level 2 (SNI 2)**.

- Research Professor and Head of the Natural Language Laboratory at the Center for Computing Research (CIC) of the National Polytechnic Institute (IPN), Mexico.**
- Invited Professor of the PhD program on Systems and Industrial Engineering (DIS), National University (UN), Bogotá, Colombia.**
- Visiting Professor of the Institute for Modern Linguistic Research, Sholokhov Moscow State University for the Humanities, Russia.**
- Member of the research team of the Sentic Lab at Nanyang Technological University, Singapore.**
- Member of the Machine Intelligence Research Labs (MIR Labs), USA.**
- Member of the Social Networks Research Center (SoNet RC), Mendel University in Brno (MendelU), Czech Republic.**
- Collaborator of the L.N. Gumilyev Eurasian National University, Kazakhstan.**
- Invited Researcher at the Media Network Center of Waseda University (2011–2014), Tokyo, Japan. I've spent my**

Scholarships

I can give you

Scholarship Master, PhD in NLP / CL

Conferences

I'm involved in

CICLing 2016

Organizations

I belong to



Dr. Alexander Gelbukh

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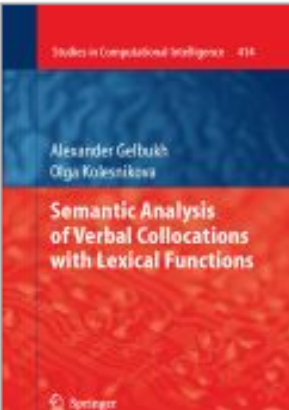
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I hold a **PhD** in Computer Science. My main area of interests is **computational linguistics** and natural language processing; see an [introduction](#) and [introductory text](#) in Spanish and another in English.

- Senior Research Fellow, Higher School of Economics, Moscow
- Visiting Professor, Modern Linguistic Research, Moscow State University for the Humanities, Russia.

Scholarships

I can give you

Scholarship
Master, PhD
in NLP / CL

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Scholarships: Master's and PhD in Natural Language Processing

The [Natural Language Processing Laboratory](#) of the Center for Computing Research (CIC) of the National Polytechnic Institute (IPN), Mexico City, Mexico, offers a limited number of scholarships to international students for earning **Master's** or **PhD** degree in **Computer Science** with a thesis in the area of **Natural Language Processing**. After earning a Master's degree, the students are encouraged to apply for the PhD level, and (if they pass) the scholarship is extended accordingly.

Topics include, but are not limited to, all areas of Natural Language Processing (NLP), Computational Linguistics (CL), Human Language Technologies (HLT), and related areas. See our [publications](#) and [defended theses](#) for examples of our research interests.

Amount of scholarship: Master's **600 USD**, PhD: **800 USD** per month approx (including vacations; [here](#) can be updated info in Spanish). This is quite enough for normal living and renting a room in Mexico City.

Duration: Master's: up to 2 years, PhD: up to 4 years.

Type of program: Research. Both programs are oriented to scientific research and publication rather than to improving your programming skills. Most of our graduates are employed in academia and (governmentally funded) research.

Why study at CIC?

- **Certification:** Our Master's program is one of very few programs in Mexico certified by the Government as an [international excellence program](#).



Dr. Alexander Gelbukh

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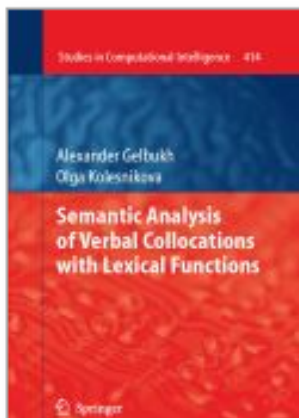
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I hold a PhD in Computer Science. My main area of interest is **computational linguistics** (natural language processing). I have written an **introductory book**, an **introductory text in Spanish**, and another **introductory text**.

I am a member of the **International Laboratory for Structural Analysis, Higher Education and Research, Moscow, Russia**.

I am also a member of the **Institute for Modern Languages, Moscow State University, Moscow, Russia**.

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Scholarship
Master, PhD
in NLP / CL

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500 Selected Publications

Journals Indexed by ISI JCR

Nota: ISI mantiene dos listas: JCR and Social Sciences JCR (JCR SS).

Nota: Véase [una publicación JCR más](#) en las [reseñas](#). Véase [tres publicaciones más](#) que salieron en revistas que antes fueron indexadas pero no en el año en el cual salió la publicación.

1. Alisa Zhila, Alexander Gelbukh. *Open Information Extraction from Real Internet Texts in Spanish Using Constraints over Part-Of-Speech Sequences: Problems of the Method, Their Causes, and Ways for Improvement*. "Revista Signos. Estudios de Lingüística", ISSN 0718-0934, Vol. 49, No. 90, March, 2016, pp. 119–142, doi: [10.4067/S0718-09342016000100006](https://doi.org/10.4067/S0718-09342016000100006).

SSCI: JCR SS **impact factor** 2013 (when accepted): 0.182.

2. Soujanya Poria, Erik Cambria, Alexander Gelbukh, Federica Bisio, Amir Hussain. *Sentiment Data Flow Analysis by Means of Dynamic Linguistic Patterns*. *IEEE Computational Intelligence Magazine*, ISSN 1556-603X, Vol. 10, No. 4, 2015, pp. 26–36, doi: [10.1109/MCI.2015.2471215](https://doi.org/10.1109/MCI.2015.2471215).

SSCI: JCR SS **impact factor** 2014 (when accepted): 2.571.

3. Basant Agarwal, Soujanya Poria, Namita Mittal, Alexander Gelbukh, Amir Hussain. *Concept-Level Sentiment Analysis with Dependency-Based Semantic Parsing: A Novel Approach*. *Cognitive Computation*, ISSN 1866-9956, Vol. 7, No. 4, 2015, 487–499, doi: [10.1007/s12559-014-9316-6](https://doi.org/10.1007/s12559-014-9316-6).

SCIE: JCR **impact factor** 2013: 1.100.

Computational Linguistics

Models, Resources, Applications

Igor Bolshakov
Alexander Gelbukh

10



Studies in Computational Intelligence ... 414

Alexander Gelbukh
Olga Kolesnikova

Semantic Analysis
of Verbal Collocations
with Lexical Functions

 Springer

The screenshot shows a web browser window displaying the website for the Centro de Investigación en Computación (CIC-IPN) at the Instituto Politécnico Nacional (IPN). The browser's address bar shows the URL www.cic.ipn.mx. The website header includes the IPN logo and the motto "La Técnica al Servicio de la Patria", along with the text "Secretaría de Investigación y Posgrado" and "Centro de Investigación en Computación". Navigation links for "Correo de Empleados", "Correo de Alumnos", and "Directorio" are visible.

The main content area features a large announcement for the "International Symposium 'Advanced Intelligent Systems'" scheduled for April 27th. The announcement includes a "SCIENTIFIC PROGRAM" with the following events:

- 09:45 – 10:00 L.A. Villa Vargas. Opening Ceremony
- 10:00 – 12:00 I.J. Rudas. Information Aggregation in Intelligent Systems. (Accompanied by a portrait of Prof. IMRE J. RUDAS, Ph.D., Dr. Sci., Prof. at Óbuda University, Hungary, and a list of his professional affiliations and publications.)
- 12:00 – 12:15 Coffee break
- 12:15 – 14:15 V. Chikovani. Unmanned Aerial Vehicle (UAV) Control Systems. (Accompanied by a portrait of Prof. VALERIY CHIKOVANI, Ph.D., Dr. Sci., Prof. at National Aviation University, Kyiv, Ukraine, and a list of his professional affiliations and patents.)

On the left side of the page, there is a navigation menu with categories: "Conócenos" (Objective, Mission and Vision, Director, History, Organigrama, Marco Normativo, Referencias, Ubicación), "Oferta Educativa" (Doctorado, Maestría en Ciencias de la Computación, Maestría en Ciencias en Ingeniería de Cómputo), "Comunidad" (Alumnos, Egresados, Internacional, Red de Computación del IPN), "Investigación" (Investigadores, Laboratorios, Líneas Específicas de Investigación), "Biblioteca" (Guías de Usuario, Catálogos, Bases de Datos, Nuevas Adquisiciones, Otras Bibliotecas), "Revista Computación y Sistemas" (Semblanza, Derechos, Página de la Revista), and "Capacitación" (Programación de Cursos de Actualización y Ext. Profesional).

On the right side, there are sections for "Admisión al Semestre B16" (Convocatorias de admisión a los posgrados), "Información Académica" (International Symposium, Cursos Semestre A16, Calendario 2015-2016, Seminario CIC A-16), "Eventos y Noticias" (20 CIC "Aniversario", Enc I+D+E, INNOVA 2012 TIC, Libros, ENC 2015), and "Vinculación" (Empresas, Oportunidades, Servicios, Propiedad Intelectual, Servicio Social, Vacantes CENAM, Convocatorias y Becas). A red button labeled "Seminario CIC IPN" is also present, along with logos for "Intranet", "ECCO", and "Innovativos".

The footer of the website contains contact information: "CIC-IPN | Av. Juan de Dios Bátiz, Esq. Miguel Othón de Mendizábal | Col. Nueva Industrial Vallejo Delegación Gustavo A. Madero | C.P. 07738 | México | Comentarios y Sugerencias | Galería CIC." It also includes a visitor count "Visitante No. 03425239 a partir de Julio de 2011" and a privacy notice "**Aviso de Privacidad**". Social media icons for Twitter and Facebook are also visible.

The screenshot shows a web browser window with the URL www.cic.ipn.mx. The page header includes the logo of the Instituto Politécnico Nacional (IPN) and the text "La Técnica al Servicio de la Patria". The main header identifies the "Centro de Investigación en Computación" (CIC) and provides links for "Correo de Empleados", "Correo de Alumnos", and "Directorio".

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On the right side of the page, there is a sidebar with a section titled "Admisión al Semestre B16" and "Convocatorias de admisión a los posgrados".

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Proceso de admisión al Semestre B16 (agosto - diciembre 2016)

El proceso de admisión a nuestros posgrados se describe con detalle en los documentos que contienen las convocatorias de admisión oficiales que publicamos cada semestre.

Para el proceso de admisión al Semestre B16, puedes consultar los documentos publicados a través de las siguientes ligas:

[Descarga la convocatoria de admisión MCC y MCIC B16](#)

[Descarga la convocatoria de admisión al DCC B16](#)

26/04/2016

Los interesados en ingresar a los posgrados que se imparten en el Centro de In-



Buscar

Este documento se elaboró a modo de una guía para quienes desean ingresar al posgrado en el CIC IPN.

Nosotros en el CIC, consideramos muy valioso el informar correctamente al estudiante que desea ingresar a los programas de posgrado.



INSTITUTO POLITÉCNICO NACIONAL CENTRO DE INVESTIGACIÓN EN COMPUTACIÓN



CONVOCATORIA SEMESTRE B16 (AGOSTO-DICIEMBRE DE 2016)

El **Instituto Politécnico Nacional**, a través del **Centro de Investigación en Computación (CIC)** convoca a los interesados en cursar estudios en el programa de **Doctorado en Ciencias de la Computación (DCC)**, a participar en el proceso de admisión para iniciar en el ciclo escolar **agosto-diciembre de 2016**. El programa de doctorado está registrado en el **Programa Nacional de Posgrados de Calidad (PNPC)** del **CONACyT** y se imparte en la modalidad escolarizada para alumnos con dedicación de tiempo completo al programa, bajo las siguientes bases:

DE LOS REQUISITOS GENERALES DE ADMISIÓN

Para ser aceptado en el programa, se deberá cumplir con los requisitos que establece el Reglamento de Estudios de Posgrado (REP-IPN) del IPN, Capítulo 3, Artículos del 29 al 35. Consultar el REP-IPN en la página web www.cic.ipn.mx a través de la liga: [Marco Normativo](#). Adicionalmente, los alumnos aceptados en el DCC, se comprometen a dedicar tiempo completo y exclusivo a sus estudios.

DE LOS DOCUMENTOS QUE INTEGRAN EL EXPEDIENTE DE ADMISIÓN

Para integrar el **expediente de admisión** al programa, el Aspirante deberá:

- 1) **Identificar las líneas de investigación** del CIC que sean de su interés;
- 2) **Entrevistarse con el o los investigadores que desarrollen dichas líneas de investigación y seleccionar al**



Thank you!

nlp.cic.ipn.mx